

Active GMP Recombinant Human IL15 Protein

Cat. No. IL15-336HG Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human IL15 (NP_000576.1) (Asn49-Ser162) was expressed in an animal component free process under cGMP guidelines.
Species	Human
Source	E.coli
ProteinLength	49-162 a.a.
Predicted N Terminal	Asn 49
Form	Lyophilized from sterile PBS, pH 7.4, 5 % trehalose, 5 % mannitol and 0.01% Tween80.
Bio-activity	Measured in a cell proliferation assay using MO7e human megakaryocytic leukemic cells. The ED50 for this effect is typically 2-8 ng/mL. The specific activity of Recombinant Human IL-15 is approximately 2.4×10^5 units/ μ g.
Molecular Mass	The GMP recombinant human IL15 consists of 114 amino acids and predicts a molecular mass of 12.8 kDa.
Endotoxin	< 0.01 EU per μ g of the protein as determined by the LAL method.
Purity	> 95 % as determined by SDS-PAGE.

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Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 mg/ml. Centrifuge the vial at 4°C before opening to recover the entire contents.
Shipping	In general, recombinant proteins are provided as lyophilized powder which are shipped at ambient temperature. Bulk packages of recombinant proteins are provided as frozen liquid. They are shipped out with blue ice unless customers require otherwise.

GENE INFORMATION

Gene Name	IL15 interleukin 15 [Homo sapiens]
Official Symbol	IL15
Synonyms	IL15; interleukin 15; interleukin-15; IL 15; MGC9721; IL-15;
Gene ID	3600
mRNA Refseq	NM_000585
Protein Refseq	NP_000576
MIM	600554
UniProt ID	P40933

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